

### **Abstract**

5 Volatile organic compound or other materials are produced in the thermoplastic  
manufacture of thermoplastic polyester beverage containers. Such materials can be  
eluted into beverages such as carbonated beverages, sparkling or still water from the  
polyester. Such thermoplastic polyester resins can be manufactured with a material that  
can prevent the formation of, or react with, and absorb volatile by-products during the  
formation of thermoplastic preforms or containers from the thermoplastic pellet or chip.  
Further, as the preform is blown into a polyester container, the active materials of the  
invention prevent the generation of additional undesirable volatile materials. Lastly, the  
10 scavenger material can act as a barrier that prevents transport of materials from the  
exterior of the container into the container contents.

K:\CLIENTS\11\11816\54US01\kosadraft30may2002.doc